

## **HEALTH IN WORKING CONDITIONS**

Working conditions that may damage health comprise hazards (mechanical, thermal, electrical, fire and explosion, falls and demolition), harmful substances and events (chemical, physical, biological hazards, illumination conditions, climate and microclimate) and strains (static-dynamic, psychophysical).

Working conditions were classified into five categories:

Workforce staffing.  
Workflow design.  
Personal/social factors.  
Physical environment.  
Organizational factors.

Key words: Occupational Hazards, Risk Assessment. and **working conditions**.

Hazard is defined as source of possible damage to health. The Hazard is the possibility that the working conditions (physical, chemical, biological or psychological) harm to health. Occupational Hazards is a process that determines the risk of health damage or the injury, occupational diseases and diseases related to work.

Risk is the probability that the work process, present a potential risk, realize as an occupational injury or occupational disease, such as metal processing facility in the risk or harmful effects of noise. The risk of hearing damage depends on the intensity and duration of noise exposure (risk = weight loss x probability of damage). Risk assessment of health damage in working conditions, hazards and stresses may be quantitatively elaborated only by co-operation of various profiles experts, and the occupational medicine specialist's role is to assess the risk level of injuries at work, occupational diseases and work related diseases. The risk level assessment includes of hazard identification, type and severity of health damage definition, probability of hazard actualisation and establishing the risk level of injury at work, occupational disease and work related diseases incidence.

### **Some suggestions for sustainability:**

1. Employment in the leasing
2. Part-time employment
3. On-the job training
4. Job rotation
5. Community employment
6. Establishing networks seniors
7. Improving job search process
8. Temporary employment in the non profit sector
9. Co-employment
10. Combating discrimination and protection of older workers (against the policies of the early exclusion from the labor force)

